



DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**"DISTRIBUTION OF TRANSFERRIN AND FERRITIN BINDING IN NORMAL AND MULTIPLE
SCLEROTIC HUMAN BRAINS"**

the specification of which

(check one) [] is attached hereto.
[XXXX] was filed on 02/09/00 as United States Application Number 09/500,713
or PCT International Application Number _____ and was amended on
_____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.
I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

| (Number) | (Country) | (Day/Month/Year Filed) | [] |
|----------|-----------|------------------------|-----|
| _____ | _____ | _____ | [] |

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

| | |
|---|----------------------------------|
| <u>60/119,359</u> (Application Number) | <u>02/09/99</u> (Filing Date) |
| _____ | _____ |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

| | | |
|----------------------|---------------|---------------------------------------|
| (Application Number) | (Filing Date) | (Status-patented, pending, abandoned) |
| _____ | _____ | _____ |

B4

DECLARATION FOR PATENT APPLICATION

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Thomas J. Monahan (Reg. No. 29,835); David J. Wilson (Reg. No. 45,225)

Address all telephone calls to Thomas J. Monahan at telephone no. 814-865-6279.

Address all correspondence to Intellectual Property Office
The Pennsylvania State University
113 Technology Center
University Park, PA 16802

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name): JAMES R. CONNOR

Inventor's signature: James R. Connor Date: 8/11/00

Residence: Hershey, Pennsylvania Citizenship: U.S.A.

Post Office Address: 955 Beech Avenue, Hershey, Pennsylvania 17033

Full name of second joint inventor, if any (given name, family name): STANLEY W. HULET

Second Inventor's signature: Stanley W. Hulet Date: 08/15/00

Residence: Joppa, Maryland Citizenship: U.S.A.

Post Office Address: 356 Enfield Road, Joppa, Maryland 21085 SWH



PTO/SB/11 (12-97)

Approved for use through 9/30/00. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(d))--NONPROFIT ORGANIZATIONDocket Number (Optional)
98-2046

Applicant, Patentee, or Identifier: J. R. CONNOR, et al.

Application or Patent No.: _____

Filed or Issued: February 9, 2000

Title: DISTRIBUTION OF TRANSFERRIN AND FERRITIN BINDING IN NORMAL AND MULTIPLE SCLEROTIC HUMAN BRAINS

I hereby state that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF NONPROFIT ORGANIZATION The Penn State Research Foundation

ADDRESS OF NONPROFIT ORGANIZATION 304 Old Main

University Park, PA 16802

TYPE OF NONPROFIT ORGANIZATION:

- UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION
- TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3))
- NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA
(NAME OF STATE _____)
(CITATION OF STATUTE _____)
- WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3))
IF LOCATED IN THE UNITED STATES OF AMERICA
- WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED
STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA
(NAME OF STATE _____)
(CITATION OF STATUTE _____)

I hereby state that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees to the United States Patent and Trademark Office regarding the invention described in:

- the specification filed herewith with title as listed above.
- the application identified above.
- the patent identified above.

I hereby state that rights under contract or law have been conveyed to and remain with the nonprofit organization regarding the above identified invention. If the rights held by the nonprofit organization are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities and that no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

- no such person, concern, or organization exists.
- each such person, concern, or organization is listed below.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

NAME OF PERSON SIGNING Thomas J. Monahan (Reg. No. 29,835)

TITLE IN ORGANIZATION OF PERSON SIGNING Director, Intellectual Property Office

ADDRESS OF PERSON SIGNING 113 Technology Center, University Park, PA 16802-7000

SIGNATURE

DATE September 18, 2000

Applicant / Patentee: James R. Connor *et al.*
For: **Distribution of Transferrin and Ferritin Binding in Normal and Multiple Sclerotic Human Brains**

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR §§ 1.9(f) and 1.27(d) - NONPROFIT ORGANIZATION)**

I hereby declare that I am an official empowered to act on behalf of the university (or other institution of higher education) identified below:

The Pennsylvania State University
113 Technology Center, 200 Innovation Boulevard,
University Park, Pennsylvania 16802-7000

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR § 1.9(e) for purposes of paying reduced fees under §§ 41(a) and (b) of Title 35, United States Code with regard to the invention entitled **Distribution of Transferrin and Ferritin Binding in Normal and Multiple Sclerotic Human Brains**, by inventors named **James R. Connor et al.**, described in the specification filed herewith.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR § 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Date: _____

By: _____

Name: _____

Title: _____

DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Distribution of Transferrin and Ferritin Binding in Normal and Multiple Sclerotic Human Brains**, the specification of which is attached hereto. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| | | |
|------------------------|-------------|--------------------------------|
| Application Serial No. | Filing Date | Pending |
| 60/119,359 | 02/09/99 | Patented, Pending or Abandoned |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor: **James R. Connor**

Inventor's Signature: _____
Residence: 955 Beech Avenue, Hershey, Pennsylvania 17033
Post Office Address: 955 Beech Avenue, Hershey, Pennsylvania 17033

Full Name of Second Joint Inventor: **Stanley W. Hulet**

Inventor's Signature: _____
Residence: 6220 Ann Street, Harrisburg, Pennsylvania 17111
Post Office Address: 6220 Ann Street, Harrisburg, Pennsylvania 17111

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: James R. Connor *et al.* Group No.:

Serial No.:

Filed:

Entitled: **Distribution of Transferrin and Ferritin Binding in Normal and Multiple Sclerotic Human Brains**

Examiner:

POWER OF ATTORNEY BY ASSIGNEE

Assistant Commissioner for Patents
Washington, D.C. 20231

The Pennsylvania State University, as Assignee of record of the entire interest of the above-identified patent application,

hereby appoints the members of the firm of MEDLEN & CARROLL, LLP, a firm composed of:

| | | | |
|---------------------|-------------------|-------------------|---------------------|
| Virginia S. Medlen | (Reg. No. 32,050) | Maha A. Hamdan | (Reg. No. 43,655) |
| Peter G. Carroll | (Reg. No. 32,837) | J. Mitchell Jones | (Reg. No. 44,174) |
| Kamrin T. MacKnight | (Reg. No. 38,230) | David J. Wilson | (Reg. No. 45,225) |
| David A. Casimir | (Reg. No. 42,395) | Jason R. Bond | (Reg. No. P-45,439) |

as its attorneys with full power of substitution to prosecute this application and transact all business in the Patent and Trademark Office in connection therewith.

Please direct all future correspondence and telephone calls regarding this application to:

Thomas J. Monahan (Reg. No. 29,835)
INTELLECTUAL PROPERTY OFFICE
The Pennsylvania State University Telephone: 814.865.6279
113 Technology Center
University Park, PA 16802

I hereby certify that the Assignment document filed with the application or filed subsequent to the filing date of the application, has been reviewed and I hereby certify that, to the best of my knowledge and belief, title is with The Pennsylvania State University.

Dated: _____

By: _____

Name: _____

Title: _____

The Pennsylvania State University
113 Technology Center, 200 Innovation Boulevard
University Park, Pennsylvania 16802-7000